

In the Claims:

1. (Previously presented) An isolated nucleic acid sequence encoding a polypeptide that binds to Orphanin FQ, wherein said nucleic acid is selected from the group consisting of SEQ ID NOs: 9, 10, 12, 14, 16, 18, 19, 20, and 21.

2-4. (Canceled)

5. (Original) A vector comprising the nucleic acid sequence of Claim 1.

6. (Previously presented) A host cell comprising the vector of Claim 5, wherein said host cell is located *in vitro*.

7-9. (Canceled)

10-20. (Canceled)